

POWER OF ATTORNEY

On behalf of Superior MicroPowders LLC, a New Mexico limited liability company, having a place of business at 3740 Hawkins NE, Albuquerque, New Mexico 87109, being the assignee of and owning all right, title and interest in the invention entitled "CATHODOLUMINESCENT PHOSPHOR POWDERS, METHODS FOR MAKING PHOSPHOR POWDERS AND DEVICES INCORPORATING SAME" for which application for Letters Patent of the United States has been made by Klaus Kunze, Mark J. Hampden-Smith, Toivo T. Kudas, Quint H. Powell, Daniel J. Skamser, and James Caruso, said application having been filed on August 27, 1998, receiving Serial No. 09/141,405, and further identified as Attorney File No. NAN-006-6-3, I, Dana L. Hankey, President and CEO of Superior MicroPowders LLC, hereby appoint Thomas R. Marsh, Registration No. 31,039, Christopher J. Kulish, Registration No. 33,056; James L. Johnson, Registration No. 34,193; Kent A. Fischmann, Registration No. 35,511; John R. Posthumus, Registration No. 36,245; Ross E. Breyfogle, Registration No. 36,759; Kenneth J. Johnson, Registration No. 36,834; Brian A. Carpenter, Registration No. 37,109; Lynn P. Hendrix, Registration No. 38,180; Robert B. Berube, Registration No. 39,608; Jeffrey A. Divney, Registration No. 39,659; Nancy L. Dempsey, Registration No. 42,542; Stanley J. Gradisar, Registration No. 42,598; and Susan D. Campbell, Registration No. 43,529, of HOLME ROBERTS & OWEN LLP, 1700 Lincoln Street, Suite 4100, Denver, Colorado 80203-4541, telephone number (303) 861-7000, and Michael D. McIntosh, Registration No. 26,305; and David F. Dockery, Registration No. 34,323, of McINTOSH & DOCKERY LLC, 8000 East Prentice Avenue, Suite B-6, Englewood, Colorado 80111, telephone number (303) 689-9560, as its attorneys and agents with full powers of substitution, association and revocation to prosecute the application and related U.S. and foreign applications and to transact all business in the United States Patent and Trademark Office and all foreign and international patent offices connected therewith.

Superior MicroPowders LLC, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application identified above, a copy of which is attached.
- B. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel ____ Frame ____.
- C. ☒ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

Assignment from Klaus Kunze, Mark J. Hampden-Smith, Toivo T. Kudas, Quint H. Powell, Daniel J. Skamser, and James Caruso to Nanochem Research LLC executed on October 21, 1998 (copy attached);

Assignment from Nanochem Research LLC to Superior MicroPowders LLC executed on May 26, 1999 (copy attached).

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee

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I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: July 27, 1999

By: Dana L. Hankey
Dana L. Hankey
President and CEO

ASSIGNMENT

WHEREAS, we, Mark J. Hampden-Smith of 2901 Maximillian NW, Albuquerque, NM 87131, Toivo T. Kodas of 11102 San Rafael Dr. NE, Albuquerque, NM 87122, James Caruso of 7721 Cedar Canyon Ct. NE, Albuquerque, NM 87122, Daniel J. Skamser of 10327 Hackamore Place SW, Albuquerque, NM 87121, Quint H. Powell of 14336 Grand Avenue NE, Albuquerque, NM 87123 and Klaus Kunze of 800 Oro Real Drive NE, Albuquerque, NM 87123 have invented a certain new and useful invention entitled "CATHODOLUMINESCENT PHOSPHOR POWDERS, METHODS FOR MAKING PHOSPHOR POWDERS AND DEVICES INCORPORATING SAME" for which an application for Letters Patent of the United States has been prepared and filed on August 27, 1998, receiving Serial No. 09/141,405, and further identified as Attorney File No. NAN-006-6-3.

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Nanochem Research LLC, a New Mexico limited liability company having a place of business at 3740 Hawkins NE, Albuquerque, NM 87109, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Nanochem Research LLC, and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Nanochem Research LLC, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, each party hereto has executed this Assignment as of the date indicated hereunder.

Date: 10-21-98

By:

Mark J. Hampden-Smith
Mark J. Hampden-Smith

Date: 10-21-98

By:

Toivo T. Kodas
Toivo T. Kodas

Date: 10/21/98

By:

James Caruso
James Caruso

Date: 10/21/98

By:

Daniel J. Skamser
Daniel J. Skamser

Date: 10/21/98

By:

Quint H. Powell
Quint H. Powell

Date: 10/21/98

By:

Klaus Kunze
Klaus Kunze

STATE OF NM)
COUNTY OF Bernalillo) ss.

Before me, a Notary Public in and for said County and State, personally appeared Mark J. Hampden-Smith, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 21 day of Oct, 1998.

[Signature]
Notary Public

My Commission Expires: 9/11/2001

STATE OF NM)
COUNTY OF Bernalillo) ss.

Before me, a Notary Public in and for said County and State, personally appeared Toivo T. Kodas, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 21 day of Oct, 1998.

[Signature]
Notary Public

My Commission Expires: 9/11/2001

STATE OF NM)
COUNTY OF Bernalillo) ss.

Before me, a Notary Public in and for said County and State, personally appeared James Caruso, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 21 day of Oct, 1998.

[Signature]
Notary Public

My Commission Expires: 9/11/2001

STATE OF NM)
COUNTY OF Bernalillo) ss.

Before me, a Notary Public in and for said County and State, personally appeared Daniel J. Skamser, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 21 day of Oct, 1998.

Dan Skamser
Notary Public

My Commission Expires: 9/11/2001

STATE OF NM)
COUNTY OF Bernalillo) ss.

Before me, a Notary Public in and for said County and State, personally appeared Quint H. Powell, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 21 day of Oct, 1998.

Dan Skamser
Notary Public

My Commission Expires: 9/11/2001

STATE OF NM)
COUNTY OF Bernalillo) ss.

Before me, a Notary Public in and for said County and State, personally appeared Klaus Kunze, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 21 day of Oct, 1998.

Dan Skamser
Notary Public

My Commission Expires: 9/11/2001